

# STCW ELECTRO-TECHNICAL RATING 750kW/1,000 HP OR MORE § 12.611

NAME: \_\_\_\_\_ REFERENCE #: \_\_\_\_\_ DATE: \_\_\_\_\_

| General Requirements   | Reference:<br>46 CFR | ✓ |
|--|----------------------|---|
| Verify:<br>• U.S. Citizenship  | 10.221(a)(2)         |   |
| Age 18   | 12.611               |   |
| Verify MMLD set to "Y" for SSEB Screening  | 10.211 /10.214       |   |
| Verify Medical Certificate in MMLD:<br>• Original MMC- Must hold or <b>be approved</b> for Medical Certificate.<br>• Renewal - Must hold or <b>have application</b> for Medical Certificate.<br>• ROG, New Endorsement or Modification - No requirement until March 2019 as it is considered embedded in the MMC. If combining with a renewal transaction, follow requirements for renewal above.  | 10.301 /10.302       |   |
| Sea Service Letters or Discharges  | 10.232               |   |
| Sea Service Requirements   | 46 CFR               |   |
| MUST verify vessels in MISLE; Enter on Spreadsheet (Optional)  |                      |   |
| <b>Option 1:</b> 360 days of seagoing service that includes training and experience associated with engine-room watch-keeping functions and involves the performance of duties carried out under the supervision of an engineer officer, electro-technical officer, or a qualified STCW engine rating, <b>OR:</b><br><br><b>Option 2:</b> Proof of successful completion of a Coast-Guard approved or accepted program, which includes not less than 180 days of approved seagoing service.  | 12.611<br>NVIC 24-14 |   |
| Assessments  |                      |   |
| Provide evidence of meeting the Standard of Competence specified in Table A-III/7 of the STCW Code. (Unless included in approved program)<br><br><b>Note:</b> Until December 31, 2017, the Coast Guard will accept assessments signed by mariners who hold an appropriate national endorsement and have at least 1 year of experience as Officer in Charge of an Engineering Watch (OICEW) or an Electro-Technical Officer on seagoing vessels of the applicable propulsion mode(s) of at least 750 kW/1,000 HP. After December 31, 2017, QAs must be approved by the U. S. Coast Guard National Maritime Center to conduct assessments (46 CFR 10.405). | 12.611<br>NVIC 24-14 |   |
| Approved Training  | 46 CFR               |   |
| Valid Basic Training   | 12.602               |   |
| Computer systems and maintenance (Unless part of approved program above or previously submitted)   | 12.611               |   |
| High-voltage power systems (Unless part of approved program above or previously submitted)   | 12.611               |   |

**Note:** Seagoing service is considered to be service on board a vessel that is relevant to qualification for ETR. The Coast Guard will accept service in the engine department of ocean, near-coastal, Great Lakes, or inland vessels of at least 750 kW/1,000 HP as being relevant to ETR. Mariners may also acquire service on vessels of less than 750 kW/1,000 HP by providing evidence that their service included duties relevant to the ETR endorsement.

**Table 1 to 12.611(c) STCW Endorsement as Electro-Technical Rating  
National Crossover**

| Entry path from national endorsements | Sea service under authority of the endorsement* | Competence – STCW Table A-III/7 ** |
|---------------------------------------|---|------------------------------------|
| Electrician/Refrigerating Engineer    | None  | Y                                  |
| Junior Engineer                       | None  | Y                                  |

\*This column provides the minimum additional sea service required of the seafarer in order to meet the requirements..

\*\* Complete any assessments from STCW Table A-III/7 not previously satisfied.

In addition to all assessments from NVIC 24-14, all training must be completed when qualifying with the above table:

- Valid Basic Training; and
- Computer systems and maintenance; and
- High-voltage power systems.

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